

Work Order ID 141222

141222

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February 01, 2016 2:48:22 PM

Item ID: D209-669-013 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: AH-1F/P/S Skidtube LH with Standard Wearplates
 Start Date: 2/1/2016 Start Qty: 1.00 *1* Cust Item ID:
 Required Date: 3/14/2016 Req'd Qty: 1.00 *1* Customer:
 Reference:

Approvals: Process Plan: SM Date: 20160201 Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D209-669-013	Rev B (DEO) <u>AK</u>								MLJ 16-03-08
DSI 9450	Rev A								

100 Document Control 0.00
 100 DOCUMENT CONTROL
 DC Memo 0.00
 Doc.Control -USB or Paperwork Photocopy bluefile & type labels per PPP d209-669-013 CHG004

110 Pick Kit 0.00
 110 Packaging Memo 0.00
 Packaging

DAS
31
9-89

1 16/24/03

MAR 07 2016
 DAS
6
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

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Item ID: D209-669-013 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: AH-1F/P/S Skidtube LH with Standard Wearplates
 Start Date: 2/1/2016 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 3/14/2016 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									
130	Packaging	0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPPD209-669-013								
	Location: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

1 2 16/03/28

Smb 16/3/24

MLS MAR 29 2016

16-3-29

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause			FAULT CATEGORY					
Environment ☐		No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐		
Design ☐		Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐		
Doc/Data ☐		Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐		
Equip/Tooling ☐		Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐		
Handling/Pre ☐		Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐		
Material ☐		Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐		
Internal Transport ☐		Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐		
Tribal Knowledge ☐		Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐		
LOA ☐		Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐		
Substation ☐		Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐		
Past Expiry Date ☐		Manufacturing Process ☐	OTHER : ☐ _____					
Misidentified ☐		Past Due ☐						

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Work Order ID: 141222

141222

Parent Item: D209-669-013

D209-669-013

Parent Item Name: AH-1F/P/S Skidtube LH with Standard Wearplates

Start Date: 2/1/2016

Required Date: 3/14/2016

Start Qty: 1.00

Required Qty: 1.00

Comments:

New IPP 08.02.13 LL, verified by:DD

IPP Rev:B 08-05-20 chg QTY of D2570 DD verified by: IPP REV:C

12.06.07 ECN 12-599 DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D209-669-043		Manufactured	No			110	Each	4.0000	1				
D209-669-043									**				
AH-1F/P/S Replacement Skidtube with Standard Wearplates, Fits LH or RH													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				Mezz				4					
					39205			2					
					39206			2					
D2917-1		Manufactured	No			110	Each	0.0000	2	2			
D2917-1									**				
Saddle LH	DAS 31 9-89												
D2918-1		Manufactured	No			110	Each	3.0000	2	2			
D2918-1									**				
Saddle LH	DAS 31 9-89												
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				Mezz				3					
					84938			3					

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Work Order ID: 141222

141222

Parent Item: D209-669-013

D209-669-013

Parent Item Name: AH-1F/P/S Skidtube LH with Standard Wearplates

Start Date: 2/1/2016

Required Date: 3/14/2016

Start Qty: 1.00

Required Qty: 1.00

AN4-51A

Purchased

No

110

Each

157.0000

8

8

AN4-51A

Bolt

DAS
31
9-89

Location

Loc Qty

Loc Code

FG	5
122993	5
over004	50
m133769	50
ST340	102
m132536	1
m133077	1
m133316	100

DAS
6
9-89

D2570

Manufactured

No

110

Each

459.0000

24

24

D2570

Bushing

DAS
31
9-89

Location

Loc Qty

Loc Code

FG	12
88781	12
FP001	89
133432	3
137172	86
ST008	57
136511	9
138272	48
ST012a	301
138273	200
138946	101

DAS
6
9-89

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Work Order ID: 141222

141222

Parent Item: D209-669-013

D209-669-013

Parent Item Name: AH-1F/P/S Skidtube LH with Standard Wearplates

Start Date: 2/1/2016

Required Date: 3/14/2016

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

110

Each

3,332.000

24

24

MS21042L 4

Locknut

DAS
6
9-89
27
9-89

DAS
31
9-89

Location

Loc Qty

Loc Code

FP001

41

m133363

41

GA

26

m127813

26

ST007

1500

m134055

1500

ST303

1668

m133769

1668

ST305

97

m130922

97

24

AN5-36A

Purchased

No

110

Each

131.0000

4

4

AN5-36A

Bolt

MAR 07 2016
DAS
27
9-89

DAS
31
9-89

Location

Loc Qty

Loc Code

over004

50

M134134

50

ST299A

1

M131957

1

ST336

78

M130466

15

M133990

63

ST399a

2

M133577

2

3

1

DAS
6
9-89

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Work Order ID: 141222

141222

Parent Item: D209-669-013

D209-669-013

Parent Item Name: AH-1F/P/S Skidtube LH with Standard Wearplates

Start Date: 2/1/2016

Required Date: 3/14/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0563J

Purchased

No

110

Each

1,350.000

8

8

NAS1149D0563.J

Washer

DAS
6
9-89

DAS
27
9-89

DAS
31
9-89

Location

Loc Qty

Loc Code

GA	53	
m125807	53	
ST260a	900	
m133769	400	
m133990	500	
ST263	294	
m133363	94	
m133938	200	
ST269	103	
m128257	103	

MS21042L5

Purchased

No

110

Each

672.0000

4

4

MS21042L5

Nut

DAS
6
9-89

DAS
27
9-89

DAS
31
9-89

Location

Loc Qty

Loc Code

GA	146	
m127813	146	
ST007	400	
m134055	400	
ST303	126	
m133577	26	
m133790	100	

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Work Order ID: 141222

141222

Parent Item: D209-669-013

D209-669-013

Parent Item Name: AH-1F/P/S Skidtube LH with Standard Wearplates

Start Date: 2/1/2016

Required Date: 3/14/2016

Start Qty: 1.00

Required Qty: 1.00

AN4-7A Purchased No 110 Each 137.0000 16 16

AN4-7A

Bolt

DAS

6

9-89

DAS
27
9-89

DAS
31
9-89

Location

Loc Qty

Loc Code

over003 100

m133790 100

ST325 37

m131320 37

16

NAS1149D0463J Purchased No 110 Each 5,319.000 32 32

NAS1149D0463.J

WASHER

DAS

6

9-89

DAS
27
9-89

DAS
31
9-89

Location

Loc Qty

Loc Code

GA 397

M129390 41

M132035 356

ST260a 2000

M134039 2000

ST263 1573

M134039 1573

ST269 1349

M130799 361

M132317 100

M132677 888

32

D2929 Manufactured No 110 Each 77.0000 2 2

D2929

Spacer

MAR 07 2016

DAS
31
9-89

Location

Loc Qty

Loc Code

Mezz 77

53564 33

84944 44

2

DAS

6

9-89

DAS
27
9-89

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Work Order ID: 141222

141222

Parent Item: D209-669-013

D209-669-013

Parent Item Name: AH-1F/P/S Skidtube LH with Standard Wearplates

Start Date: 2/1/2016

Required Date: 3/14/2016

Start Qty: 1.00

Required Qty: 1.00

D2930

Manufactured No

110

Each

28.0000

2

2

D2930

Spacer

DAS
31
9-89

Location

Loc Qty

Loc Code

Mezz

28

53563

28

D3405-041

Manufactured No

110

Each

15.0000

1

1

D3405-041

Ground Handling Lug

DAS
31
9-89

Location

Loc Qty

Loc Code

st529

15

119182

7

136519

8

AN4C47A

Purchased No

110

Each

28.0000

4

4

AN4C47A

Bolt

DAS
31
9-89

Location

Loc Qty

Loc Code

FG

10

122491

10

ST341

18

m132879

6

m134050

12

DAS
31
9-89
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DAS
31
9-89
MAR 07 2016
DAS
31
9-89
MAR 07 2016
DAS
31
9-89
MAR 07 2016

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141222

D209-669-013

Required Qty: 1.00

**

DAS-BAS
6 27
3-69 9-69

722

141505

DAS **DAS**
6 27
9-89 9-89

3

DAS
6
9-89

137097

MAR 07 2016

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Work Order ID: 141222

141222

Parent Item: D209-669-013

D209-669-013

Parent Item Name: AH-1F/P/S Skidtube LH with Standard Wearplates

Start Date: 2/1/2016

Required Date: 3/14/2016

Start Qty: 1.00

Required Qty: 1.00

D3456-1

Manufactured No

110

Each

125.0000

1

1

D3456-1

Washer

DAS 27

6 27

9-89 9-89

Location

Loc Qty

Loc Code

FG

7

25701

7

ST038

118

136922

43

140756

75

DAS

31

9-89

D3417-5

Manufactured No

110

Each

81.0000

2

2

D3417-5

Washer

DAS 27

6 27

9-89 9-89

Location

Loc Qty

Loc Code

ST035

81

136618

3

138368

78

DAS

31

9-89

MAR 07 2016

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D209-669 REV. B

INSTRUCTIONS:

- 1) FOR D209-669-011/-012/-013/-014 SKID TUBES @ CHANGE 003 AND SUBSEQUENT, MODIFY THE FOLLOWING:
- a) REPLACE THE D2968-041 TOW RING WITH THE D3407-041 TOW RING ASSEMBLY.
 - b) REPLACE THE D2736-1 AND D2736-3 GHW LUGS WITH THE D3405-041 AND D3405-043 LUG ASSEMBLIES.
 - c) AMEND THE PARTS LIST IN SECTION 5.0 OF INSTALLATION INSTRUCTIONS IIN-D209-669 REV. B AS SHOWN ON PAGE 2 OF THIS DSI.

NOTE: ALL INSTALLATION FASTENERS FOR THE ABOVE CHANGES HAVE BEEN UPDATED. SEE THE AMENDED PARTS LIST ON PAGE 2 FOR DETAILS.

20160203

5th 14th 222

A	NEW ISSUE	AJS	09.02.24
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9450	SHEET 1 OF 3
APPROVED		TITLE	SCALE
DE APPR.		SKIDTUBE INSTALLATIONS	NTS
DATE	09.02.24	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR OTHERWISE REPRODUCED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

5.0 PARTS LIST

ITEM	QTY -011	QTY -012	QTY -013	QTY -014	QTY -041	QTY -043	PART NUMBER	DESCRIPTION
	X						D209-669-011	SKIDTUBE INSTALLATION, LH (AH-1W/J)
		X					D209-669-012	SKIDTUBE INSTALLATION, RH (AH-1W/J)
			X				D209-669-013	SKIDTUBE INSTALLATION, LH (AH-1P/F/S)
				X			D209-669-014	SKIDTUBE INSTALLATION, RH (AH-1P/F/S)
	1	1			X		D209-669-041	REPLACEMENT SKIDTUBE (AH-1W/J)
			1	1		X	D209-669-043	REPLACEMENT SKIDTUBE (AH-1P/F/S)

IS:

50	4	4	1	1			D3405-041	LUG ASSEMBLY
51	8	8	4	4			AN4C47A	BOLT
52	16	16	8	8			D2570	BUSHING
53	8	8	4	4			MS21043-4	NUT
54			1	1			D3405-043	LUG ASSEMBLY
60	1	1	1	1			D3407-041	TOW RING ASSEMBLY
61	1	1	1	1			D3456-1	WASHER
62	1	1	1	1			MS21043-4	NUT
63	2	2	2	2			D3417-5	WASHER

WAS:

50	4	4	1	1			D2736-1	GHW LUG
51	8	8	4	4			AN4-46A	BOLT
52	16	16	8	8			D2570	BUSHING
53	8	8	4	4			MS21042L4	NUT (OR MS21042-4)
54			1	1			D2736-3	GHW LUG
60	1	1	1	1			D2968-041	TOW RING
61	1	1	1	1			AN970-4	WASHER
62	1	1	1	1			MS21042L4	NUT (OR MS21042-4)

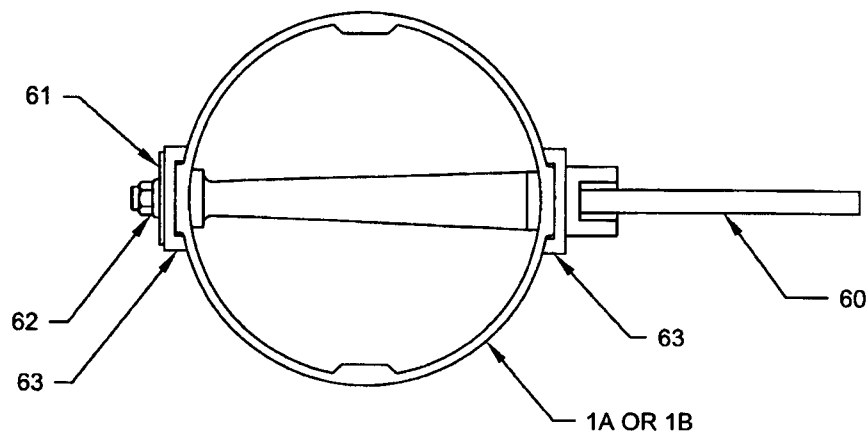
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	AJS	
CHECKED		DRAWING NO.
MFG. APPR.	N/A	DSI 9450
APPROVED	JAY	TITLE
DE APPR.	JAY	SKIDTUBE INSTALLATIONS
DATE	09.02.24	SCALE
		NTS

REV. A
SHEET 2 OF 3

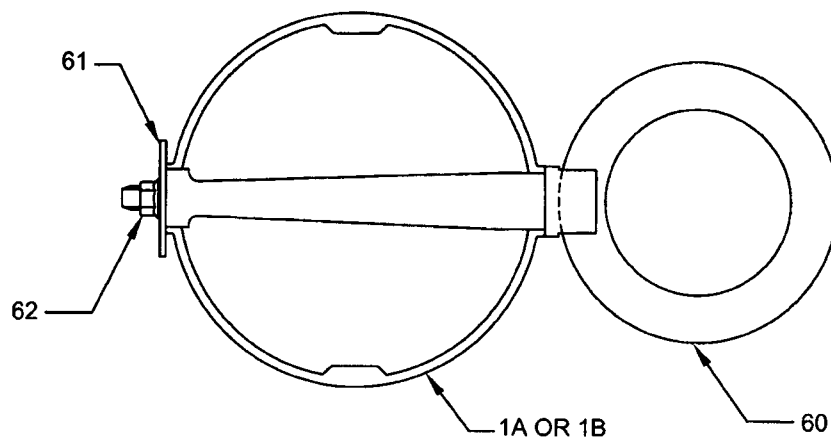
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INSTALL TOW RING ASSEMBLY AS SHOWN BELOW (REFER TO SECTION F-F OF IIN-D209-669 REV. B.

IS:



WAS:



NO PICTORIAL CHANGE REQUIRED FOR GROUND HANDLING WHEEL LUG CHANGES.

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9450	SHEET 3 OF 3
APPROVED		TITLE	SCALE
DE APPR.		SKIDTUBE INSTALLATIONS	NTS
DATE	09.02.24	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT THE WRITTEN PERMISSION FROM DART AEROSPACE LTD	

4.0 WEIGHT AND BALANCE

The following weight and balance information is for the replacement Dart parts. The weight and balance of the skidtubes that are being removed from the aircraft is the responsibility of the installer.

Installation	Weight	LONGITUDINAL	
		Arm	Moment
D209-669-011/-012	49.6 lb	170.4 in	8452 in lb
SKIDTUBE INSTALLATION	22.5 kg	4.33 m	97.4 m kg
D209-669-013/-014	43.8 lb	176.5 in	7731 in lb
SKIDTUBE INSTALLATION	19.9 kg	4.48 m	89.2 m kg

5.0 PARTS LIST

Item	Qty -011	Qty -012	Qty -013	Qty -014	Qty -041	Qty -043	Part Number	Description
	X						D209-669-011	SKIDTUBE INSTALLATION, LH (AH-1W/J)
		X					D209-669-012	SKIDTUBE INSTALLATION, RH (AH-1W/J)
			X				D209-669-013	SKIDTUBE INSTALLATION, LH (AH-1P/F/S)
				X			D209-669-014	SKIDTUBE INSTALLATION, RH (AH-1P/F/S)
	1	1			X		D209-669-041	REPLACEMENT SKIDTUBE (AH-1W/J)
			1	1		X	D209-669-043	REPLACEMENT SKIDTUBE (AH-1P/F/S)
1A					1		D2906-041	SKIDTUBE ASSEMBLY
1B						1	D2906-043	SKIDTUBE ASSEMBLY
2	1		2				D2917-1	OUTER SADDLE (FWD, LH)
3		1		2			D2917-2	OUTER SADDLE (FWD, RH)
4	1		2				D2918-1	INNER SADDLE (FWD, LH)
5		1		2			D2918-2	INNER SADDLE (FWD, RH)
6	1						D2919-1	OUTER SADDLE (AFT, LH)
7		1					D2919-2	OUTER SADDLE (AFT, RH)
8	1						D2920-1	INNER SADDLE (AFT, LH)
9		1					D2920-2	INNER SADDLE (AFT, RH)
10	8	8	8	8			AN4-51A	BOLT
11	16	16	16	16			D2570	BUSHINGS
12	8	8	8	8			MS21042L4	NUT (OR MS21042-4)
13	2	2	4	4			AN5-36A	BOLT
14	2	2					AN5-41A	BOLT
15	8	8	8	8			AN960JD516	WASHER
16	4	4	4	4			MS21042L5	NUT (OR MS21042-5)
17	16	16	16	16			AN4-7A	BOLT
18	32	32	32	32			AN960JD416	WASHER
19	16	16	16	16			MS21042L4	NUT (OR MS21042-4)

CONTINUED ON NEXT PAGE

CONTINUED FROM PREVIOUS PAGE

20	2	2	2	2			D2929	SPACER
21	2	2	2	2			D2930	SPACER
*30A					1	1	D3564-9	WEARSHOE (REPLACES D2577-1)
*30B					1	1	D3566-1	GASKET
*31A					1		D3564-15	WEARSHOE (REPLACES 18" D2577-5)
*31B					1		D3566-15	GASKET
*32A					1	1	D3564-11	WEARSHOE (REPLACES D2577-3)
*32B					1	1	D3566-1	GASKET
*33A					1	1	D3564-5	WEARSHOE (REPLACES D2577-5)
*33B					1	1	D3566-5	GASKET
*34					50	44	AN3C4A	BOLT (REPLACES AN3-4A)
*35					50	44	AN960C10L	WASHER (REPLACES AN960JD10L)
*36					50	44	AKS7-1032-130	INSERT (OR ALS7-1032-130, OR ALS4-1032-130, OR AKS4-1032-130)
*37					12	14	D2594-1	PLUG
*38					12	14	D2594-3	O-RING
*40					2	2	D2855	AFT CAP
*41					4	4	AN3-5A	BOLT
*42					4	4	AN960JD10L	WASHER
*43					4	4	AKS7-1032-225	INSERT (OR ALS7-1032-225, OR ALS4-1032-225, OR AKS4-1032-225)
50	4	4	1	1			D2736-1	GHW LUG
51	8	8	4	4			AN4-46A	BOLT
52	16	16	8	8			D2570	BUSHING
53	8	8	4	4			MS21042L4	NUT (OR MS21042-4)
54			1	1			D2736-3	LUG ASSEMBLY
60	1	1	1	1			D2968-041	TOW RING
61	1	1	1	1			AN970-4	WASHER
62	1	1	1	1			MS21042L4	NUT (OR MS21042-4)

* DENOTES THAT PART IS INCLUDED WITH D2906-041/-043 SKIDTUBE ASSEMBLY

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Revision: **B**

Date: 07.08.23

5.0 PARTS LIST

DAS
31
9-89

ITEM	QTY -011	QTY -012	QTY -013	QTY -014	QTY -041	QTY -043	PART NUMBER	DESCRIPTION
	X						D209-669-011	SKIDTUBE INSTALLATION, LH (AH-1W/J)
		X					D209-669-012	SKIDTUBE INSTALLATION, RH (AH-1W/J)
			X				D209-669-013	SKIDTUBE INSTALLATION, LH (AH-1P/F/S)
				X			D209-669-014	SKIDTUBE INSTALLATION, RH (AH-1P/F/S)
	1	1			X		D209-669-041	REPLACEMENT SKIDTUBE (AH-1W/J)
			1	1		X	D209-669-043	REPLACEMENT SKIDTUBE (AH-1P/F/S)

IS:

50	4	4	1	1			D3405-041	LUG ASSEMBLY
51	8	8	4	4			AN4C47A	BOLT
52	16	16	8	8			D2570	BUSHING
53	8	8	4	4			MS21043-4	NUT
54			1	1			D3405-043	LUG ASSEMBLY
60	1	1	1	1			D3407-041	TOW RING ASSEMBLY
61	1	1	1	1			D3456-1	WASHER
62	1	1	1	1			MS21043-4	NUT
63	2	2	2	2			D3417-5	WASHER

WAS:

50	4	4	1	1			D2736-1	GHW LUG
51	8	8	4	4			AN4-46A	BOLT
52	16	16	8	8			D2570	BUSHING
53	8	8	4	4			MS21042L4	NUT (OR MS21042-4)
54			1	1			D2736-3	GHW LUG
60	1	1	1	1			D2968-041	TOW RING
61	1	1	1	1			AN970-4	WASHER
62	1	1	1	1			MS21042L4	NUT (OR MS21042-4)

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9450	SHEET 2 OF 3
APPROVED		TITLE	SCALE
DE APPR.		SKIDTUBE INSTALLATIONS	NTS
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